

Converting Colors

Yxy(66.0380, 0.3180, 0.3357)

Have a look what the booklet for
Yxy(66.0380, 0.3180, 0.3357)
contains.

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Color

Yxy(65.8393, 0.3183, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	D6D4CE
RGB	214, 212, 206
RGB Percent	84%, 83%, 81%
CMY	0.1609, 0.1686, 0.1921
CMYK	0.00, 0.01, 0.04, 0.16
HSL	45°, 9%, 82%
HSV	45°, 4%, 84%
XYZ	62.4081, 65.8393, 67.8196
YIQ	211.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

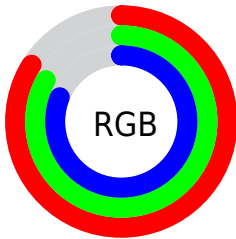
Format	Color
RYB	209, 214, 206
Decimal	14079182
CIELab	84.91, -0.39, 3.19
CIELCh	85, 3.212, 97.057
Yxy	65.8393, 0.3183, 0.3358
Android (android.graphics.Color)	4292269262 (0xFFD6D4CE)
YUV	211.9140, -2.9156, 1.8294
Hunter-Lab	81.1414, -4.7082, 7.2433

Details

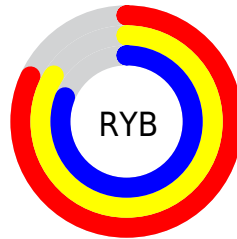
The Yxy color **65.8393, 0.3183, 0.3358** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0688, 0.3071, 0.3221**, and the grayscale version is **65.7951, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.7519, 0.3192, 0.3365** is the 20% darker color. If you saturate the color by 10%, you get **62.2956, 0.3342, 0.3547**, and if you desaturate by 10%, it is **69.6152, 0.3037, 0.3178**.

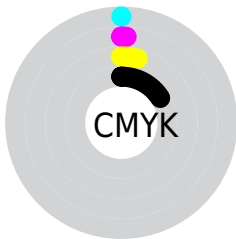
Distribution



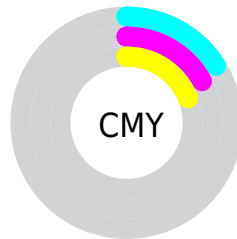
- Red (84%)
- Green (83%)
- Blue (81%)



- Red (82%)
- Yellow (84%)
- Blue (81%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8393, 0.3183, 0.3358 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 65.8393, 0.3183, 0.3358 by changing the saturation by 10% instead.

■ 65.8393, 0.3183,
0.3358

■ 65.8393, 0.3183,
0.3358

445.8019, 0.3157,
0.3326

■ 48.1420, 0.3189,
0.3365

113.2557, 0.3174,
0.3347

■ 33.9393, 0.3197,
0.3375

143.7435, 0.3170,
0.3342

■ 22.8470, 0.3207,
0.3387

179.2635, 0.3167,
0.3339

■ 14.4806, 0.3220,
0.3403

220.2003, 0.3165,
0.3336

■ 8.4557, 0.3238,
0.3425

266.9381, 0.3162,
0.3333

■ 4.3879, 0.3265,
0.3458

319.8614, 0.3160,

■ 1.8928, 0.3309,

0.3330

0.3512

379.3546, 0.3158,
0.3328

0.5441, 0.3571,
0.3829

0.0000, 0.0000,
0.0000

65.8393, 0.3183,
0.3358

65.8393, 0.3183,
0.3358

62.2956, 0.3342,
0.3547

69.6152, 0.3037,
0.3178

58.9690, 0.3514,
0.3743

73.6210, 0.2904,
0.3010

55.8556, 0.3695,
0.3939

76.8470, 0.2870,
0.3004

52.9481, 0.3882,
0.4129

79.7677, 0.2873,
0.3059

■ 50.2384, 0.4069,
0.4303

■ 82.7764, 0.2875,
0.3115

■ 47.7180, 0.4247,
0.4452

■ 85.8739, 0.2878,
0.3170

■ 45.3773, 0.4409,
0.4563

■ 89.0609, 0.2880,
0.3224

■ 43.2052, 0.4546,
0.4631

■ 92.3380, 0.2882,
0.3278

■ 41.1886, 0.4654,
0.4649

■ 93.0303, 0.2883,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.8393, 0.3203, 0.3341



65.8393, 0.3183, 0.3358



65.8393, 0.3148, 0.3357

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.8393, 0.3183, 0.3358



65.8393, 0.3052, 0.3269



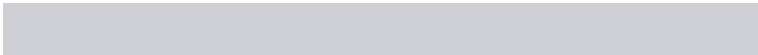
65.8393, 0.3147, 0.3244

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65.8393, 0.3183, 0.3358



63.0688, 0.3071, 0.3221

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.8393, 0.3106, 0.3225



65.8393, 0.3183, 0.3358



65.8393, 0.3052, 0.3239

Square

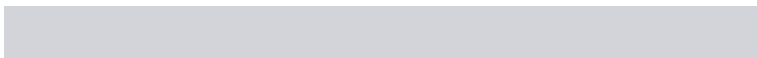
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



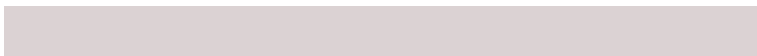
65.8393, 0.3183, 0.3358



65.8393, 0.3072, 0.3305



65.8393, 0.3072, 0.3223



65.8393, 0.3182, 0.3276

Rectangle

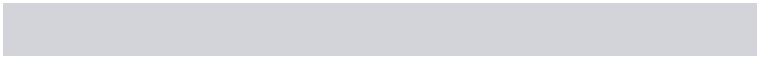
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.8393, 0.3183, 0.3358



65.8393, 0.3121, 0.3345



65.8393, 0.3072, 0.3223



65.8393, 0.3133, 0.3236

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65.8422, 0.3183, 0.3358



99.4393, 0.3142, 0.3308



62.9938, 0.3174, 0.3268



21.2900, 0.3141, 0.3307



0.0000, 0.0000, 0.0000



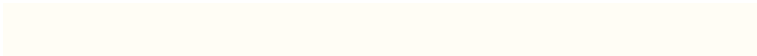
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.8422, 0.3183, 0.3358



97.7778, 0.3188, 0.3364



66.5236, 0.3167, 0.3380



14.3509, 0.3198, 0.3377



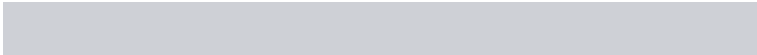
24.3500, 0.4701, 0.4650



1.5945, 0.4595, 0.4734

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63.0688, 0.3071, 0.3221



93.2996, 0.3066, 0.3215



62.4125, 0.3087, 0.3199



13.5851, 0.3056, 0.3202



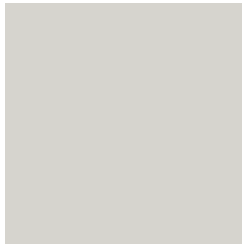
4.5776, 0.1580, 0.0886



0.4075, 0.1673, 0.1222

Previews

White Background



This preview shows how the Yxy color 65.8393, 0.3183, 0.3358 looks on a white background.

Color Contrast Check

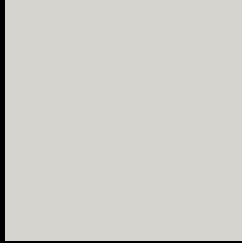
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 65.8393, 0.3183, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

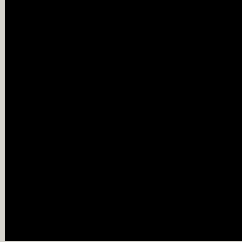
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

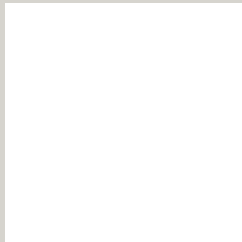
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8393, 0.3183, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 65.8393, 0.3183, 0.3358.

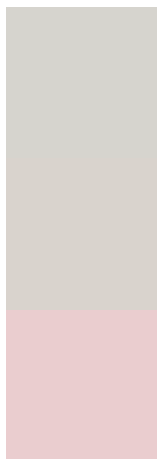


This preview shows how white text looks on a background with the Yxy color 65.8393, 0.3183, 0.3358.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

65.8393, 0.3183, 0.3358

Protanopia

65.7480, 0.3214, 0.3358

Deuteranopia

65.6601, 0.3337, 0.3269



Tritanopia

65.8436, 0.3070, 0.3103

Trichromacy



Original Color

65.8393, 0.3183, 0.3358

Protanomaly

65.5952, 0.3206, 0.3358

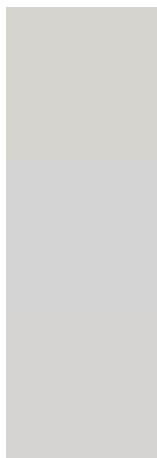
Deuteranomaly

65.9476, 0.3279, 0.3301

Tritanomaly

65.8066, 0.3110, 0.3190

Monochromacy



Original Color

65.8393, 0.3183, 0.3358

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.8862, 0.3148, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8393, 0.3183, 0.3358 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(214, 212, 206)` looks like.

```
.text, #text, p{  
    color:rgb(214, 212, 206)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(214, 212, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 212, 206) }
```

Border

The CSS property to change the border of an element to Yxy 65.8393, 0.3183, 0.3358 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 212, 206) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(214, 212, 206) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(214, 212, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 212, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 212, 206);  
box-shadow:4px 4px 4px 4px rgb(214, 212,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8393, 0.3183, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 212, 206) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(214,  
212, 206) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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